

A04 THD+N,THD, nth-HD 2 3 4 - THD+N minus 2nd and 3rd harmonics: PASSED

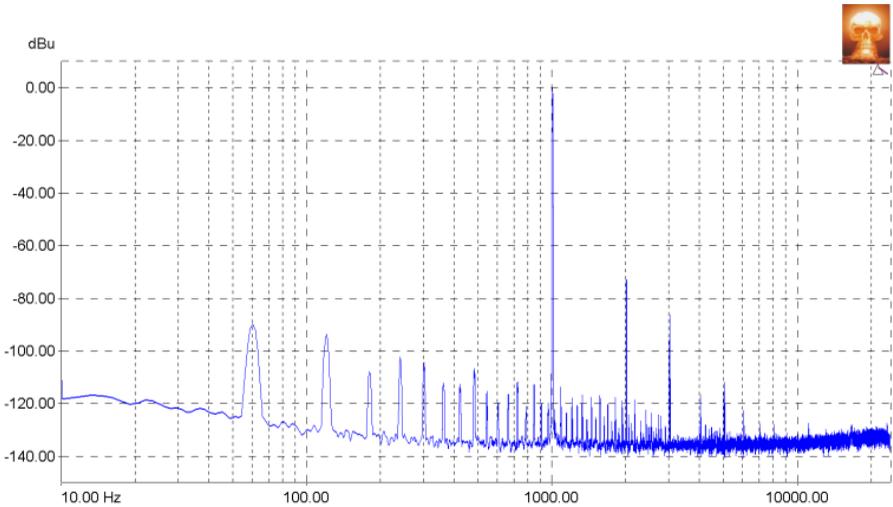
Measured at 7/20/2019 3:08:07 PM

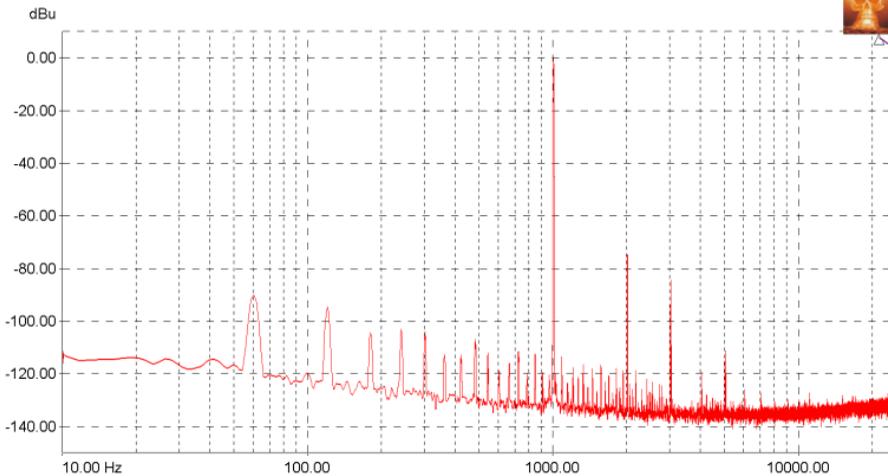
Generator Settings	
Channel A:	sine, 0 dBu at 1000 Hz
Channel B:	sine, 0 dBu at 1000 Hz

Signal Analyzer Readings		
RMS amplitude (Channel A)	-0.037 dBu	Not limit checked.
RMS amplitude (Channel B)	0.021 dBu	Not limit checked.

CTA Readings		
THD+N - relative (Channel A RMS)	0.02218 %	< 200 % > 0 %
THD+N - relative (Channel B RMS)	0.01829 %	< 200 % > 0 %

Settings: Self relative, 22 Hz - 22 kHz, unweighted RMS with 1/3rd octave band-reject filter at the input frequency





FFT Detector Readings		
THD (Channel A)	0.02320 %	< 200 % > 0 %
THD (Channel B)	0.01907 %	< 200 % > 0 %
FFTD 1 Settings: Self relative, 22 Hz - 22 kHz, unweighted with band-pass notch filters from the 2nd to 10th harmonics		
2nd Harmonic Distortion (Channel A)	0.02272 %	< 200 % > 0 %
2nd Harmonic Distortion (Channel B)	0.01815 %	< 200 % > 0 %
FFTD 2 Settings: Self relative, 22 Hz - 22 kHz, unweighted with band-pass notch filter at the 2nd harmonic		
3rd Harmonic Distortion (Channel A)	0.00471 %	< 200 % > 0 %
3rd Harmonic Distortion (Channel B)	0.00585 %	< 200 % > 0 %
FFTD 3 Settings: Self relative, 22 Hz - 22 kHz, unweighted with band-pass notch filter at the 3rd harmonic		
4th Harmonic Distortion (Channel A)	0.00015 %	Not limit checked.
4th Harmonic Distortion (Channel B)	0.00011 %	Not limit checked.
FFTD 4 Settings: Self relative, 22 Hz - 22 kHz, unweighted with band-pass notch filter at the 4th harmonic		
5th Harmonic Distortion (Channel A)	0.00025 %	Not limit checked.
5th Harmonic Distortion (Channel B)	0.00028 %	Not limit checked.
FFTD 5 Settings: Self relative, 22 Hz - 22 kHz, unweighted with band-pass notch filter at the 5th harmonic		
4+HD + N (Channel A)	0.00433 %	< 0.01 % > 0 %
4+HD + N (Channel B)	0.00422 %	< 0.01 % > 0 %
FFTD 6 Settings: Self relative, 22 Hz - 22 kHz, unweighted with band-reject notch filters, fundamental to the 3rd harmonic		
Hum (Channel A)	0.00323 %	< 0.017783 % > 0 %
Hum (Channel B)	0.00311 %	< 0.017783 % > 0 %
FFTD 7 Settings: Self relative, 22 Hz - 22 kHz, unweighted with window notch (14 bins) band-pass filter at 60 Hz		
Noise (residual) (Channel A)	0.00432 %	< 0.017783 % > 0 %
Noise (residual) (Channel B)	0.00421 %	< 0.017783 % > 0 %
FFTD 8 Settings: Self relative, 22 Hz - 22 kHz, unweighted with band-reject notch filters, fundamental to the 10th harmonic		

[Back to top](#)